

# Felix Tiet

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## EDUCATION

**Vanderbilt University** - Nashville, TN

**May 2019**

*B.S., Computer Science & B.E., Chemical Engineering*

### Relevant Coursework

Intermediate Software Design

Computer Organization

Program Design and Data Structures

Discrete Structures

Principles of Operating Systems

Programming Languages

## WORK EXPERIENCE

**Vanderbilt Multiscale Modeling and Simulation Research Facility**

**May 2016 - Present**

*Undergraduate Research Assistant* - Nashville, TN

- Investigate energy storage systems and ionic liquids through Molecular Dynamics simulations
- Build and analyze simulations using software packages such as GROMACS and other analysis tools

**CodeDay - StudentRND**

**May 2016 - Present**

*Day-of Volunteer, Photographer* - San Francisco, CA & Nashville, TN

- Mentor and interact with 100+ attendees
- Assist with day-of logistics and photography

**Vanderbilt University Chemistry Department**

**August 2016 - Present**

*Undergraduate Student Worker* - Nashville, TN

- Manage Organic and General Chemistry Laboratory stock room
- Restock Organic teaching laboratory

## LEADERSHIP

**VandyHacks - Vanderbilt University**

**December 2015 - Present**

*Director of Communications (Spring 2016-Present)*

- Reach out and maintain connections with 10+ representatives of other schools and hackathons
- Maintain the VandyHacks Facebook page
- Market and publicize VandyHacks to 10,000+ students and mentors nationwide
- Assist in mini-hackathon Hacker Nights leading up to VandyHacks III
- Hosted 450+ attendees at VandyHacks III

**Tzu Chi Foundation Youth Group - Miami Branch**

**2011-2015**

*President (2014-2015) Vice President (2013-2014)*

- Organized and presented monthly etiquette lessons for 100+ students in Tzu Chi Chinese School
- Planned various school activities, such as Sports Day, Beach Cleanup, and Chinese New Year celebration
- Entertained elderly during nursing home visits with musical performances and personal interactions

## PUBLICATIONS

- Osti, N.C., Van Aken, K.L., Thompson, M.W., **Tiet, F.**, Jiang, D., Cummings, P.T., Gogotsi, Y., Mamontov, E. (2016) Solvent Polarity Governs Ion Interactions and Transport in a Solvated Room-Temperature Ionic Liquid. *J. Phys. Chem. Lett.*, 2017, 8 (1), pp 167–171

## SKILLS

**Technical Skills:** Proficient - C++, Java, Python, C, Bash/UNIX, Git, GROMACS, Microsoft Office

Experienced - HTML, CSS, Matlab

**Language Skills:** Fluent in English & Mandarin